

ENESEAL HR Solves Leaking Hangar Problems at Indian Airport



Before

Engineers at the airport in Calcutta were tired of “seeing stars” through the roof of some of their airplane hangars. Conventional tar-felting could not provide the long-term repair solution they were looking for on these corrugated metal roofs. Each hangar is over 32,000 square feet.

Engineers from ENECON Calcutta were in regular contact with the airport authorities for solutions to their various problems. The airport facilities engineers, therefore, asked their ENECON representatives to recommend a long-term roof treatment solution that would not only solve the leak problems but would also provide a heat refractive system that would reduce the temperatures inside of the hangars. Summer temperatures in Calcutta

can often exceed 100°F (40°C).

All roof surfaces were cleaned and a rust “converter” was used to treat rusted areas. Fiberglass reinforcing mesh was used to bridge holes in the roof with ENESEAL. Two additional coats of ENESEAL HR were then applied to completely seal the entire roof area. The project was completed in about 80 days – well ahead of the stipulated 90 day schedule.

Just two days after the application was finished, torrential rains buffeted the city. To the amazement of the airport engineers, the ENESEAL coated roofs were completely water-tight. They are now in the process of tackling other problem roof areas at the airport.



After

